

# Texas Commission on Environmental Quality

PBR Existing Registration

102349

## Site Information (Regulated Entity)

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What is the name of the site to be authorized?	BLUE ORIGIN WEST TEXAS FACILITY
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	35961 STATE HWY 54
City	VAN HORN
State	TX
ZIP	79855
County	CULBERSON
Latitude (N) (##.#####)	31.396666
Longitude (W) (-###.#####)	-104.7525
Primary SIC Code	3761
Secondary SIC Code	3764
Primary NAICS Code	336414
Secondary NAICS Code	336415
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104961164
What is the name of the Regulated Entity (RE)?	LAUNCH SITE ONE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	35961 STATE HIGHWAY 54
City	VAN HORN
State	TX
ZIP	79855
County	CULBERSON
Latitude (N) (##.#####)	31.450833
Longitude (W) (-###.#####)	-104.76
Facility NAICS Code	
What is the primary business of this entity?	AEROSPACE VEHICLE RESERACH DEV TEST PROTOTYPE MFG

## Customer (Applicant) Information

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How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604092627
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Blue Origin Texas, LLC
Texas SOS Filing Number	800672270
Federal Tax ID	
State Franchise Tax ID	32020075688
State Sales Tax ID	
Local Tax ID	
DUNS Number	618309723
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Blue Origin Texas, LLC

Prefix	MR
First	Randy
Middle	
Last	Ruiz
Suffix	
Credentials	
Title	FACILITIES DIRECTOR
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	35961 STATE HIGHWAY 54
Routing (such as Mail Code, Dept., or Attn:)	
City	VAN HORN
State	TX
ZIP	79855
Phone (###-###-####)	2534379300
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	rruiz2@blueorigin.com

## Responsible Official Contact

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Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	BLUE ORIGIN TEXAS LLC
Prefix	MS
First	CARI
Middle	
Last	BUETOW
Suffix	
Credentials	
Title	Sr EHS Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 1552
Routing (such as Mail Code, Dept., or Attn:)	
City	VAN HORN
State	TX
ZIP	79855
Phone (###-###-####)	2534379300
Extension	17503
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	CBUETOW@BLUEORIGIN.COM

## Technical Contact

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Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	GREENTHINK CONSULTING LLC

Prefix	MR
First	RAJIV
Middle	
Last	PATEL
Suffix	
Credentials	
Title	PRINCIPAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	100 NAUTICAL CIR
Routing (such as Mail Code, Dept., or Attn:)	
City	ROUND ROCK
State	TX
ZIP	78681
Phone (###-###-####)	5129001911
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	RAJIV@GREENTHINKCONSULTING.COM

## PBR General Information - Existing Sites

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1) To determine fee amount does this business qualify as a small business, non-profit organization, or small government entity?	No
2) Are there any other registered air authorizations at this site?	Yes
2.1. Please list any PBRs, Standard Permits, Air Pre-Construction Permits, and/or Standard Exemptions at this site.	Registration No. 171130
2.2. Does the current project being registered directly affect any of the permitted facilities listed above?	No
3) Is this project located at a major site?	No
4) Does this registration require certification or is certification being submitted voluntarily?	Yes
5) Is the facility in compliance with all PBRs claimed?	Yes
6) Is the facility in compliance with all other applicable state/federal rules and regulations?	Yes
7) Is the facility in compliance with all applicable distance requirements?	Yes

## Section 1 Rule Selection

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### Rule#: 1

Select the type of unit that is being registered.	ENGINES AND TURBINES
Select the rule(s) associated to the unit specified.	106.512

## Section 1 106.512 Engines and Turbines

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### Engine#: 1

Please provide the horsepower (hp) of the engine(s) / turbine(s).	550
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## 106.512(2) Rule Compliance

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1) Is gas fuel limited to: sweet natural gas or liquid petroleum gas, fuel gas containing no more than ten grains total sulfur per 100 dry standard cubic feet, or field gas?	Yes
2) Has formaldehyde been included in the VOC short-term and annual emissions totals?	Yes
3) Are any engine(s)/turbine(s) rated ? 500 hp?	Yes
3.1. Will the engine(s) / turbine(s) meet any applicable NOx limits as stated in the rule?	Yes
4) Will the hourly and annual emissions meet any applicable NAAQs?	Yes
5) Will the engine(s) / turbine(s) be used to generate electricity?	No
6) Please select any/all State or Federal Standards that apply to this site:	NSPS IIII   MACT ZZZZ
7) Is this facility being authorized at an oil and gas site that is using 106.352 (I) to claim, register, or certify their operation?	No

## 106.4 Rule Compliance

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1) What are the annual VOC emissions in tons per year (tpy) for this registration?	0.36
2) What are the total annual SO2 emissions in tpy for this registration?	0.01
3) What are the total annual NOx emissions in tpy for this registration?	6.91
4) What are the total annual CO emissions in tpy for this registration?	6.31
5) What are the total annual PM emissions in tpy for this registration?	0.36
6) What are the total annual PM10 emissions in tpy for this registration?	0.36
7) What are the total annual PM2.5 emissions in tpy for this registration?	0.36
8) What are the total annual H2S emissions in tpy for this registration?	0
9) What are the total annual HAP emissions in tpy for this registration?	0.03

## PBR Attachments

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Please attach one PDF with all required documents to complete the project.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=195189>Blue Origin - LSO - PBR Registration Revision - G-PUMP-5 - FINAL - Signed.pdf</a>
Hash	D4DC89C4D05B817F483E05AFefd14CE85CC8482B0E8C457D31883BB116F90969
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=195190>Cover Letter - 05-02-24.pdf</a>
Hash	5C4C27842F36574CBD7C35CF33C864E1E8672431C3413DD3561837F15F047EF9
MIME-Type	application/pdf
Confidential	No

Please attach any other necessary information needed to complete the registration.

## Expedite

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? No

## Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility, and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Official's knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you have any questions on how to fill out this form or about air permits, please call (512) 239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

1. I am Rajiv Y Patel, the owner of the STEERS account ER032091.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing a PI-7CERT for a PBR Existing Registration 102349.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Rajiv Y Patel OWNER OPERATOR

Customer Number:	CN604092627
Legal Name:	Blue Origin Texas, LLC
Account Number:	ER032091
Signature IP Address:	104.63.129.253
Signature Date:	2024-05-02
Signature Hash:	A457B0C2A2F60337A103DB6381B7B29C1D57F528886A201C287F7C6EB8DD7059
Form Hash Code at time of Signature:	24B411189F51F634019CF852886B9BA8E43A8AFAEDD4A740E81E0BA48E252071

## Fee Payment

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Transaction by:	The application fee payment transaction was made by ER032091/Rajiv Y Patel
Paid by:	The application fee was paid by RAIV Y PATEL
Fee Amount:	\$450.00
Paid Date:	The application fee was paid on 2024-05-02
Transaction/Voucher number:	The transaction number is 582EA000608970 and the voucher number is 703976

## Submission

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Reference Number:	The application reference number is 651770
Submitted by:	The application was submitted by ER032091/Rajiv Y Patel
Submitted Timestamp:	The application was submitted on 2024-05-02 at 16:20:26 CDT
Submitted From:	The application was submitted from IP address 104.63.129.253
Confirmation Number:	The confirmation number is 538273
Steers Version:	The STEERS version is 6.74
Permit Number:	The permit number is 102349

## Additional Information

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Application Creator: This account was created by Rajiv Y Patel